AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A tetrafluoroethylene polymer aqueous dispersion obtained by carrying out a tetrafluoroethylene emulsion polymerization in an aqueous medium in the presence of a fluorovinyl group-containing emulsifier,

wherein said tetrafluoroethylene polymer aqueous dispersion contains a particle comprising a tetrafluoroethylene polymer dispersed in said aqueous medium,

said fluorovinyl group-containing emulsifier comprises

a fluorovinyl group-containing compound (V) represented by the general formula (V):

$CH_2=CFCF_2O-(CF(CF_3)CF_2O)_f-CF(CF_3)-Y$ (V)

wherein f represents an integer of 0 to 10 and Y represents $-SO_3M$ or –COOM in which M represents H, NH_4 or an alkali metal,

said tetrafluoroethylene polymer aqueous dispersion has a fluorine-containing surfactant content of not higher than 50 ppm by mass,

wherein the tetrafluoroethylene polymer is a perfluoro-based polymer,

wherein the tetrafluoroethylene polymer has a tetrafluoroethylene unit content exceeding 60 mole percent,

wherein the tetrafluoroethylene polymer is a tetrafluoroethylene homopolymer or a modified polytetrafluoroethylene,

wherein the particle comprising the tetrafluoroethylene polymer has an average primary particle diameter of 50 to 500 nm.

2-3. (canceled).

4. (previously presented): The tetrafluoroethylene polymer aqueous dispersion according to Claim 1, wherein the tetrafluoroethylene polymerization is carried out in the absence of any non-byproduct fluorine-containing surfactant.

5-6. (canceled).

7. (previously presented): The tetrafluoroethylene polymer aqueous dispersion according to Claim 1, which has a solid matter concentration of 5 to 70% by mass.

8. (canceled).

9. (withdrawn): A tetrafluoroethylene polymer powder which is obtained by coagulating the tetrafluoroethylene polymer aqueous dispersion according to Claim 1.

10. (withdrawn): A tetrafluoroethylene polymer molding which is obtained by molding/processing using the tetrafluoroethylene polymer aqueous dispersion according to Claim 1.

11. (withdrawn-currently amended): A method of producing a tetrafluoroethylene polymer aqueous dispersion which comprises carrying out a tetrafluoroethylene emulsion polymerization in an aqueous medium in the presence of a fluorovinyl group-containing emulsifier,

wherein said tetrafluoroethylene polymer aqueous dispersion contains a particle comprising a tetrafluoroethylene polymer dispersed in said aqueous medium and has a fluorine-containing surfactant content of not higher than 50 ppm by mass,

said fluorovinyl group-containing emulsifier is added in an amount of 0.00001 to 2% by mass relative to said aqueous medium, and

said fluorovinyl group-containing emulsifier comprises

a fluorovinyl group-containing compound (V) represented by the general formula (V):

$CH_2=CFCF_2O-(CF(CF_3)CF_2O)_f-CF(CF_3)-Y$ (V)

wherein f represents an integer of 0 to 10 and Y represents $-SO_3M$ or –COOM in which M represents H, NH_4 or an alkali metal,

wherein the tetrafluoroethylene polymer has a tetrafluoroethylene unit content exceeding 60 mole percent, and the tetrafluoroethylene polymer is a perfluoro-based polymer,

wherein the tetrafluoroethylene polymer is a tetrafluoroethylene homopolymer or a modified polytetrafluoroethylene,

wherein the particle comprising the tetrafluoroethylene polymer has an average primary particle diameter of 50 to 500 nm.

12. (withdrawn): The method of producing a tetrafluoroethylene polymer aqueous dispersion according to Claim 11, wherein the addition of the fluorovinyl group-containing

emulsifier is carried out in the manner of a supplementary addition with the progress of a tetrafluoroethylene polymerization reaction.

13. (canceled).